

Product datasheet for **RN215486**

Slc6a11 (NM_024372) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a11 (NM_024372) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a11
Synonyms:	Gabt4; Gat3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215486 representing NM_024372
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTGCGGAGCAAGCGCTGCCCTGGGCAACGGAAGCGGCCGAGGAGGCGGAGGGTCCGAGGCGC
 TGGGCGGCGGCGGGGCGCGGGGACGCGGAGGCGCGACAAGGCGGTCCACGAGCGCGTCA
 CTGGAACAACAAGGTGGAGTTCTGTGTTAGCGTAGCGGGAGAGATCATCGGTCTGGGCAACGTGTGGCGC
 TTCCCCTACCTGTGCTACAAGAACGGCGGAGGGCATTCTGATTCTTACGTGGTGTTTTTCATCTGCT
 GTGGAATCCCCGCTTTCTTCTGGAAACGGCTCTGGGCGAGTTCACGAGCGAGGGCGGCATCACGTGCTG
 GAGGAGAGTCTGCTTTATTTGAAGGCATCGGCTATGCAACACAGGTGATCGAGGCGCATCTCAATGTC
 TACTACATCATCATCTGGCGTGGGCCATTTCTACTTAAGCAACTGCTTACCACCGAGCTCCCCTGGG
 CCACCTGTGGGCATGAGTGAACACAGAGAAATGTGTGGAGTTCAGAAGCTGAACTTCAGCAACTACAG
 TCATGTGTCCCTGCAGAACGCAACCTCCCCGGTATGGAGTTCGGGAACGCCGGTCTTGCTATATCT
 GATGGCATTGAACACATCGGGAACCTCCGATGGGAGCTGGCACTGTGTCTCTGGCGGCTTGACCATCT
 GCTACTTCTGCATCTGGAAGGTACGAAGTCAACTGAAAAGTCTGTATGTCACCTGCAACCTTCCCCTA
 CATCATGCTGCTGATCCTCCTGATCCGAGGGGTACGTTGCCGGTGCCTCGGAAGGCATCAAGTTCTAC
 CTGTACCCTGACCTCTCCCGGCTCTGATCCACAGGTGTGGGTGGATGCTGGGACGCAGATCTTTTTCT
 CCTATGCCATCTGCCTGGGCTGCCTGACCGCTCTGGGGAGTTACAACAATAACAACAAGTCTACAG
 GGACTGTATTATGCTCTGCTGTGAACAGTGGCACCAGCTTCGTGGCTGGGTTTGCTATCTTCTCAGTC
 CTGGGCTTCATGGCGTACGAGCAGGGCGTGCCTATTGCTGAGGTGGCAGAATCAGGTCTGGACTGGCTT
 TCATCGCTACCCCAAGGCTGTCACTATGATGCCCTGTCCCATTTGTGGGCCACCCTGTTCTTCATGAT
 GCTCATCTTCTGGGCTGGACAGTCAGTTTGTGTGTGGAGAGCCTTGTGACAGCCGTGGTTGACATG
 TACCCCAAGTCTTCCGGCGGGCTACCGGCGAGAAGTCTCATCTGGCCCTGTCCATTGTCTCTTATT
 TCCTAGGCCTGGTGTGCTGACAGAGGGAGGCATGTACATTTTCCAGCTTTTGTACTCATACGCCCCAG
 TGGCATGTGCTTCTTCTGTTGGCCATCTTTGAGTGTGCTGCATCGGCTGGGTGTATGGAAGTAACAGG
 TTCTATGACAATATTGAGGACATGATTGGATACCGGCCACTGTCATCAAGTGGTGTGAAAGTTG
 TGACCCCTGGGATCTGTGCGGGCATCTTCATCTTTCTGGTCAAGTACAAGCCGCTCAAGTACAACAA
 TGTGTACACATATCTGCTTGGGCTACGGCATTGGCTGGCTCATGGCTGTCTCCATGCTGTGCATC
 CCGCTCTGGATCTTCATCAAGCTGTGGAAGACAGAGGGCACCCCTGCCCGAGAAATTACAGAAAGTTGACAG
 TCCCCAGCGCTGATCTGAAAATGAGGGCAAGCTTGGGGCCAGCCACGGATGGTACCGTTAATGACTG
 TGAGGCCAAGGTCAAAGGCGACGGTACCATCTCTGCCATCACAGAGAAGGAGACGCACTT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_024372
- Insert Size:** 1884 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_024372.2](#), [NP_077348.1](#)

RefSeq Size: 1935 bp

RefSeq ORF: 1884 bp

Locus ID: 79213

UniProt ID: [P31647](#)

Cytogenetics: 4q42

Gene Summary: catalyzes sodium and chloride dependent transport of gamma-aminobutyric acid (GABA) to terminate GABA mediated synaptic activity [RGD, Feb 2006]